

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: K. OSADA, et al.
Application No.: 10/686,569
Filed: October 17, 2003
For: SEMICONDUCTOR MEMORY APPARATUS,
SEMICONDUCTOR APPARATUS, DATA PROCESSING
APPARATUS AND COMPUTER SYSTEM
Art Unit: 2186
Examiner: Unknown

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR '1.97 & 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

March 18, 2004

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents listed in the attached form PTO/SB/08A for the Examiner's consideration.

This information disclosure statement is being submitted, on information and belief, before the mailing date of a first office action on the merits.

One of the documents listed on the attached form PTO/SB/08A is in the English language.

To the extent the documents listed on the attached form PTO/SB/08A are not in the English language, the requirement of 37 CFR '1.98(a)(3) for a concise

Application No.: 10/686,569

Docket No.: 500.35578CC5


explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (500.35578CC5) please credit any excess fees to such deposit account.

Respectfully submitted,

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

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Filing Date	October 17, 2003
First Named Inventor	K. OSADA, et al.
Art Unit	2186
Examiner Name	Unknown
Attorney Docket Number	500.35578CC5

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		5,537,346		07-16-1996	SEO et al.	

FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP - 7-320480	12-08-1995			

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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